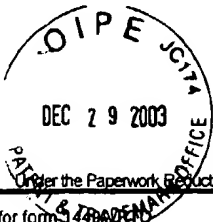


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number	09/830,223
Filing Date	July 13, 2001
First Named Inventor	Takahiro NAKAJIMA, et al.
Group Art Unit	1755
Examiner Name	James W. Pasterczyk
Attorney Docket Number	11197/5

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US 6,782,935	07-21-1998	Hirt et al.	
	2	US 5,237,042	08-17-1993	Kim et al.	
	3	US 5,554,720	08-18-1996	Weaver et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	16	CN1153185	07-02-1997	Anshan Iron & Steel Engrg coll (CN)		Abst

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

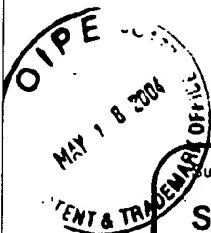
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	Pasterczyk	Date Considered	9/2/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number	09/830,223
Filing Date	July 13, 2001
First Named Inventor	Takahiro NAKAJIMA, et al.
Group Art Unit	1755
Examiner Name	James W. Pasterczyk
Attorney Docket Number	11197/5

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JP	1	US 5,770,682	06/23-1998	Ohara et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
JP	2	JP 9-151242	06-10-1997	SHIMADZU CORP		ABS
	3	JP 9-151243	06-10-1997	SHIMADZU CORP		ABS
	4	JP 9-151244	06-10-1997	SHIMADZU CORP		ABS
	5	JP 60-35023	02-22-1985	KURARAY CO LTD		FULL ENGLISH TRANSLATION
	6	JP 61-101527	10-24-1984	TORAY IND INC		FULL ENGLISH TRANSLATION

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Signature	Pasterczyk	Date Considered	9/2/04
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete if Known

Application Number	09/830,223
Filing Date	July 13, 2001
First Named Inventor	T. Nakajima, et al.
Art Unit	1755
Examiner Name	J.W. Pasterczyk
Attorney Docket Number	11197/5

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JP	1	5,554,720	09-10-1996	Weaver et al.	(Corresponds to CN 1175266)
	2	5,237,042	08-17-1993	Kim et al.	(Corresponds to CN 1067662)
	3	5,782,935	07-21-1998	Hirt et al.	(Corresponds to CN 1154728)
	4	5,512,340	04-30-1996	Goodley	
	5	5,596,069	01-21-1997	Goodley	
	6	5,652,033	07-29-1997	Goodley	
	7	5,674,801	10-07-1997	George	
	8	5,744,572	04-28-1998	Schumann et al.	

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Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
JP	9	JP 2001-131274	05-15-2001	NATL INST OF ADVANCED INDUSTRIAL SCIENCE & TECHNOLOGY METI.; MASUDA TAKASHI.; NAKAYAMA KAZUO		ABS
	101	JP 10-259296	09-29-1998	KURARAY CO LTD		ABS
	11	JP 2001-26639	01-30-2001	TOYOBO CO LTD		ABS
	12	JP 46-40711	12-01-1971	UNITIKA LTD (NIRA)		ABS
	13	JP 5-287064	11-02-1993	TORAY IND INC		ABS
	14	JP 2000-63504	02-29-2000	TORAY IND INC		ABS
	15	JP 2001-278970	10-10-2001	TOYOBO CO INC		ABS
	16	JP 2001-163964	06-19-2001	TOYOBO CO LTD		ABS
	17	JP 2001-131276	05-15-2001	TOYOBO CO LTD		ABS
	18	JP 46-5395 i	11-29-1971	IMPERIAL CHEM IND LTD		ABS EXAMPLE, TABLE
	19	GB 1,348,146	03-13-1974	IMPERIAL CHEM IND LTD		
	20	JP 11-49852	02-23-1999	TORAY IND INC		ABS
	21	WO 98/42769	10-01-1998	TORAY IND INC		ABS
Examiner Signature		Pasterczyk		Date Considered	9/2/04	